

Recombinant Human MFN2 Full Length Transmembrane protein, His-tagged

Cat. No. MFN2-103H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human MFN2 protein(O95140)(1-757aa), fused with N-terminal His tag, was expressed in in vitro E. coli expression system.
Species	Human
Source	E.coli
ProteinLength	1-757aa
Form	<p>If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.</p> <p>If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.</p>
Molecular Mass	87.9 kDa
AA Sequence	<p>MSLLFSRCNSIVTVKKNKRHMAEVDNASPLKHFVTAKKKINGIFEQLGAYIQESATFLE DTYRNAELDPVTTEEQVLDVKGYSKVRGISEVLARRHMKVAFFGRTSNGKSTVINA MLWDKVLPSGIGHTTNCFLRVEGTDGHEAFLLEGGSEEKRSKTVNQLAHLHQQDK QLHAGSLVSVWPNSKCPDLLKDDLVLMDSPGIDVTTELDSWIDKFCLDADVFVLVAN SESTLMQTEKHFFHKVSRLSRPNIFILNNRWDASASEPEYMEEVRRQHMERCSTF LVDELGVVDRSQAGDRIFVSAKEVLNARIQKAQGMPEGGGALAEGFQVRMFQFN FERRFEECISQSAVKTKFEQHTVRAKQIAEAVRLIMDSLHMAAREQQVYCEEMREE RQDRLKFIDKQLELLAQDYKLRIKQITEEVERQVSTAMAEIIRRLSVLVDDYQMDFHP</p>

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SPVVLKVYKNELEHRIIEEGLGRNMSDRCSITATNSLQTMQQDMIDGLKPLLPVSVRS
 QIDMLVPRQCFLNYDLNCDKLCADFQEDIEFHSLGWTMLVNRFLGPKNSRRALM
 GYNDQVQRPIPLTPANPSMPPLPQGSALTQEEFMVSMVTGLASLTSRTSMGILVVG
 VVWKAVGWRLIALSFGLYGLLYVYERLTWTTKAKERAFKRQFVEHASEKLQLVISYT
 GSNCSHQVQQELSGTFAHLCQQVDVTRENLEQEIAAMNKKIEVLDSLQSKAKLLRN
 KAGWLDSELNMFTHQYLQPSR

Purity Greater than 85% as determined by SDS-PAGE.

Storage Store at -20°C/-80°C upon receipt, aliquoting is necessary for multiple use. Avoid repeated freeze-thaw cycles.

Reconstitution Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

GENE INFORMATION

Gene Name MFN2 mitofusin 2 [Homo sapiens]

Official Symbol MFN2

Synonyms MFN2; mitofusin 2; mitofusin-2; CMT2A2; CPRP1; KIAA0214; MARF; hyperplasia suppressor; transmembrane GTPase MFN2; mitochondrial assembly regulatory factor; HSG; CMT2A;

Gene ID 9927

mRNA Refseq NM_001127660

Protein Refseq NP_001121132

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MIM 608507

UniProt ID O95140

SDS-PAGE



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